C.I.P.S.

MODELE MATHEMATIQUE DE LA POLLUTION EN MER DU NORD.

TECHNICAL REPORT
I972/SCHELDT-CHIM.03

/This paper not to be cited without prior reference to the author./

DOSAGE METAUX LOURDS.

par
G.GILLAIN - ULg.

Croisière Estuaire Escaut: Mars I972.

IDENTIFICATION	Zn (µg2/L)	Cd (µg^2/L)	Pb (µg^2/L)	Cu (µg^2/L)
Bateau "VEDETTE" Echantillons non filtrés.				
Boorensehans				
B022.03.72.0845.00	28.2	0.53	II.4	4.5I
" " " 07	I9.7	0.84	8.3	2.2
" " " I3	24.9	0.84	II.8	3.3
B0.220372 .II45.00	I9.7	0.74	26.I	8.3
" " " 05	39.3	2.36	8.5I	5.3
" " " II	26.2	I.80	6.0	3.5
B0.220372 .I445.00	I3.I	0.48	6.8	I.I
" " " 04	28.8	0.56	4.8	I0.2
" " " 08	I3.8	0.28	3.7	I.0
B0.220372 .I745.00	8.5	0.34	2.9	I.5
" " " 05	I2.5	0.46	6.8	I.4
" " " I0	8.5	0.33	4.8	I.5
Bouée				
B94.230372.0945.00	64.2	3.7I	7.3	I.2
" " " 06	2I.0	0.98	I0.8	2.7
" " " I3	I3.I	0.52	6.4	-
B94.230372.I245.00	I3.I	0.45	6.6	I.I
" " " 06	24.2	0.84	I2.8	3.I
" " " I2	26.2	0.70	28.8	8.3
B94.230372.I545.00	9.2	0.30	4.9	I.9
" " " 05	38.6	I.05	7.8	4.I
" " " I0	23.6	I.I2	9.3	I.8
B94.230372.I845.00	6.5	0.42	3.3	I.4
" " " 05	26.2	I.0I	I8.8	2.3
" " " I0	39.3	2.36	I2.4	2.4

Loodsweezen.	Zn ($\mu g^2/L$)	Cd ($\mu g^2/L$)	Pb ($\mu g^2/L$)	Cu ($\mu g^2/L$)
LW.200372.I045.00	I5.7	0.82	6.0	I.3
" " " 04	I7.0	0.52	7.0	2.8
" " " 08	20.9	0.80	I5.9	I4.6
LW.200372.I345.00	I6.4	0.72	7.8	2.4
" " " 04	26.2	0.45	II.3	4.8
" " " 08	I3.8	0.34	3.3	I.3
LW.200372.I645.00	I3.I	0.37	I4.9	I.6
" " " 04	I04.8	0.90	6.2	I.5
" " " 08	I0.0	2.24	5.2	3.4
" " " 00	39.3	I.02	8.3	4.7
" " " 04	I9.6	0.28	6.8	2.26
" " " 08	52.4	0.56	3.3	I.3
Ruppelmonde.				
RU.2I0372.0845.00	38.0	0.73	2I.5	6.3
" " " 08	49.8	I.49	I0.7	25.4
" " " I6	II.8	0.68	6.4	I.5
" " " 00	I3.I	2.70	I0.3	2.2
" " " 06	6.6	0.87	I4.I	2.5
" " " I2	I2.5	0.33	5.2	0.8
RU.2I0372.I445.00	-	-	-	-
" " " 04	7.9	-	4.5	0.7
" " " 08	24.9	0.4I	I7.8	I.4
RU.2I0372.I745.00	I3.I	3.60	I6.2	6.2
" " " 08	I3.I	0.57	4.7	2.7
" " " I6	98.3	0.83	26.I	0.9
	Bateau "MECHELEN" Echantillons filtrés.			
SDI.200372.I800.00	72.I	0.98	5.4	20.3
" " " 06	65.5	4.05	2.5	I0.2
" " " I2	9I.7	I.I2	7.5	II.4
" " 2200.00	II7.9	I.69	6.0	I9.7
" " " 05	28.8	2.70	4.4	I5.2
" " " I0	45.9	0.68	4.6	I6.5
SDI. " 2400.00	9I.7	I.35	4.9	I2.7
" " " 04	65.5	2.I4	2.9	II.4
" " " 09	II7.9	0.56	2.7	I0.2
SD2.2I0372.0800.00	I50.7	I.I2	8.7	2I.6
" " " 07	85.2	0.90	6.4	I7.2
" " " I4	I83.4	2.03	4.I	I3.9
SD2.2I0372.I430.00	78.6	I.80	5.2	I7.8
" " " 05	32I.0	I.80	8.3	22.9
" " " I0	I3I.0	I.35	6.0	I8.4
SD2.2I0372.I730.00	I37.6	3.26	6.0	I7.2
" " " 05	I44.I	0.54	7.4	20.3
" " " I0	I83.4	4.84	9.7	2I.6
SD2.2I0372 I[illegible].30.00	I57.2	I.35	7.9I	22.9
" " " 05	98.0	2.36	5.8	29.2
" " " I0	III.0I	7.54	6.6	I2.7

	Zn ($\mu g^2/L$)	Cd ($\mu g^2/L$)	Pb ($\mu g^2/L$)	Cu ($\mu g^2/L$)
SHI.220372.0800.00	57.6	2.03	5.4	I7.2
" " " 04	59.0	2.36	5.8	I4.6
" " " 08	I3I.0	0.54	5.8	24.8
" " II30.00	55.0	0.7I	3.9	I5.2
" " " 03	85.2	0.7I	4.6	26.7
" " " 06	II7.9	I.I2	4.8	I9.I
SHI.220372.I500.00	45.8	I.35	2.7	I4.6
" " " 03	52.4	0.79	2.3	I2.I
" " " 06	I04.8	0.84	2.5	7.6
SHI.220372.I800.00	64.8	I.9I	3.9	7.6
" " " 04	39.3	0.68	2.9	II.4
" " " 08	45.8	2.59	2.0	6.2
SH2.230372.I030.00	57.6	0.93	I.7	I7.8
" " " 06	85.2	I.69	4.I	I7.2
" " " I2	48.5	3.04	3.9	I7.8
SH2.230372.I330.00	40.6	I.0I	3.I	I8.4
" " " 05	62.9	2.37	6.0	I2.I
" " " I0	32.8	0.48	2.3	I2.7
" " I630.00	-	0.30	3.3	I0.2
" " " 04,5	43.9	0.74	5.2	20.3
" " " 09	52.4	0.79	2.I	6.4
SH2.230372.I930.00	98.3	0.28	5.8	23.5
" " " 05,5	47.8	0.74	3.I	2I.6
" " " II	39.3	0.5I	2.5	I5.9

Bateau "MSI"
Echantillons non filtrés.

MSI.Sch.200372.I200.00	II7,0	I4.5	I4.I	35.3
" " " " 09	4I.0	0.46	3.7	5.4
" " " " I8	I36.5	0.84	7.6	I2.0
" " " I540.00	26	3.80	4.I	I2.6
" " " " I0	26	0.34	I3.0	II.3
" " " " I9	203.I	I.25	II.0	27.8
MSI.SCH.200372.I800.00	48.8	4.I0	5.2	4.4
" " " " I2	23.6	0.56	I2.8	-
" " " " 24	I82	I.80	22.8	5.0
MSI.SCH.200372.2045.00	24.I	4.00	5.4	I3.2
" " " " 09	I0.4	0.22	3.I	4.4
" " " " I8	7I.5	0.34	3.9	7.6
MSI.SCH.2I0372.I2I5.00	36.0	0.96	3.5	6.3
" " " " 05	I30	0.56	3.5	I2.6
" " " " I0	32.5	0.78	2I.7	7.6
MSI.SCH.2I0372.I520.00	I9.5	0.54	-	I2.6
" " " " 05	24.7	0.37	3.7	37.8
" " " " I0	I9.5	0.34	3.I	8.8
MSI.SCH.200372.I825.00	98.2	0.58	0.9	I30.
" " " " 06	26	0.34	5.4	6.9
" " " " I2	23	0.67	5.2	2.5

	Zn(μg^2/L)	Cd (μg^2/L)	Pb (μg^2/L)	Cu (μg^2/L)
MSI.SCH.2I0372.2025.00	58.5	0.60	4.9	37.8
" " " " 06	32.5	0.56	3.3	I5.8
" " " " I2	52.0	0.28	3.3	6.3
MSI.SCH.220372.II30.00	I30	2.00	8.5	44.I
" " " " 05	39	0.78	3.7	4.4
" " " " I0	I04	0.67	9.9	46.0
MSC.SCH.230372.I345.00	I69	4.80	I5.3	44.I
" " " " 05	97.5	2.20	5.0	36.5
" " " " I0	II7	2.40	7.9	60.0
MSC.SCH.220372.I545.00	I30	2.60	I2.6	49.8
" " " " 05	I69	2.24	I5.4	49.0
" " " " II	364	2.40	I7.4	27.I
MSI.SCH.220372.I920.00	262	3.80	I0.6	24.8
" " " " 06	I30	I.5	I0.6	I0.7
" " " " I2	45.5	I.9	9.7	30.8
MSI.SCH.220372.0230.00	I36.5	I.I0	8.3	20.0
" " " " 05	260.0	I.80	II.0	I8.9
" " " " I0	429	5.50	4.I	5.7
MSI.SCH.230372.0430.00	84.5	0.67	4.I	I5.I
" " " " 05	65	0.78	7.0	I2.6
" " " " I0	I95	I.90	II.0	32.0
MSI. " " .0825.00	7I.5	0.80	2.9	I4.5
" " " " 07	I04	0.78	8.3	I0.I
" " " " I3	273	I.80	-	I9.5
MSI.SCH.230372.I020.00	84.5	0.8I	7.0	27.I
" " " " 06	9I.0	I.70	7.0	I5.8
" " " " II	I83	2.90	I0.6	I5.2